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(71)Applicant : MATSUFUJI TAISUKE
HIROOKA TOSHISADA

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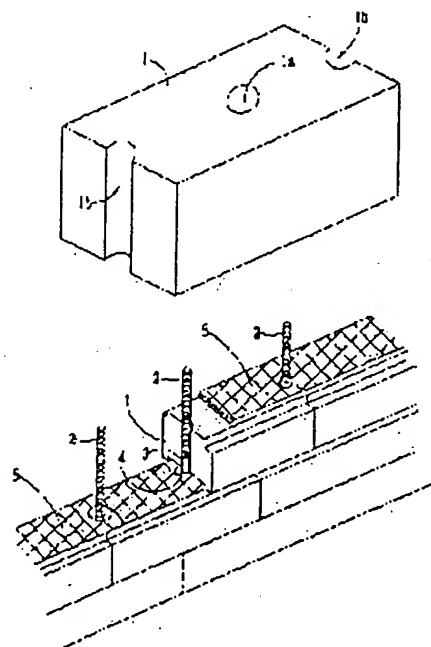
(72)Inventor : MATSUFUJI TAISUKE
HIROOKA TOSHISADA

(54) BLOCK LAYING STRUCTURE

(57)Abstract:

PROBLEM TO BE SOLVED: To resist a load in the horizontal direction by the whole block wall by mutually unifying superposed and arranged block bodies by using a clamp and a tabular horizontal reinforcing member.

SOLUTION: A block body 1 made of a brick is formed in a rectangular parallelepiped shape, a through-hole 1a is formed at a central section in the vertical direction and semicircular grooves 1b at both side sections for inserting and arranging clamps 2, and the block bodies 1 are disposed zigzag. The clamps 2 are inserted into the through-holes 1a and holes formed by the semicircular grooves 1b of the adjacent block bodies 1, the superposed and arranged block bodies 1 are connected and combined and unified, and this structure is constituted by anchor bolts 2 and nuts 3. Horizontal reinforcing members 5 made of plastic sheets reinforced by wire meshes or thin steel plates and washers 4 disposed to the horizontal reinforcing members 5 are held among each laid block body 1 respectively. The horizontal direction is also connected and unified by the horizontal reinforcing members 5 as well as coupling in the vertical direction.



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